

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph at page 30, lines 16-20 with the following paragraph:

Typical metal atoms to be photocatalyst materials include Cu, In, Fe, Ti, Cr, Pb, V, W, Bi, Zn, Nb, Ta, Ba, Mn, Sr and the like, which provide amorphous materials such as Cu_2O , In_2O_3 , Fe_2TiO_3 , Fe_2O_3 , Cr_2O_3 , PbO , V_2O_5 , FeTiO_3 , WO_3 , Bi_2O_3 and ZnO as photocatalyst materials by dielectric barrier discharge.